Special Issue

Advanced Optical Sensors Based on Machine Learning

Message from the Guest Editors

This Special Issue aims to attract original contributions. These should focus on a wide array of topics, related to both experiments on and the theory of advanced optical sensors and relying on machine learning. Keywords:

- machine learning
- intelligent sensor design
- computational sensing
- hyperspectral imaging and sensing
- inverse design optics
- wearable sensors
- intelligent spectroscopy

Guest Editors

Dr. Jinhui Chen

Institute of Electromagnetics and Acoustics, Xiamen University, Xiamen 361005, China

Prof. Dr. Daquan Yang

School of Information and Communication Engineering, Beijing University of Posts and Telecommunications, Beijing 100876, China

Deadline for manuscript submissions

closed (1 September 2024)



Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



mdpi.com/si/160574

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/ sensors





Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)

